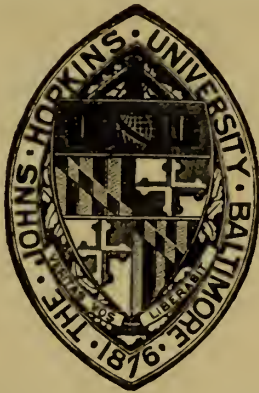


THE JOHNS HOPKINS UNIVERSITY
BALTIMORE

CONFERRING OF DEGREES

AT THE CLOSE OF THE FORTY-SIXTH ACADEMIC YEAR

JUNE 13, 1922



IN THE LYRIC THEATRE

AT 4 P. M.

MARSHALS

Professor R. V. D. MAGOFFIN
Chief Marshal

Professor J. E. GILPIN
Assistant Chief Marshal

Aids

Professor W. J. A. BLISS
Professor H. C. LANCASTER
Professor W. W. FORD

Professor J. C. FRENCH
Professor R. H. FOLLIS
Professor J. C. SMALLWOOD

Dr. R. T. ABERCROMBIE

USHERS

DONALD K. VANNEMAN, *Chief Usher*

Aids

JOHN R. SHERWOOD, *Assistant Chief*
S. ATHERTON MIDDLETON, *Assistant Chief*

R. PAGE O'CONNOR, *Assistant Chief*
HENRY H. CALLARD, *Assistant Chief*

PAUL M. BUHRER
GEORGE L. DARLEY
GLOVER P. FALLON
J. HUDSON HUFFARD
OLIVER D. COLLINS
DUDLEY P. COTTON
HENRY D. WEST
JOSEPH M. ZOLLER
J. BRETNALL POWELL
J. HENRY HOOPER
G. COCHRAN DOUB
WILLIAM G. DEAN
DAVID H. STEVENSON
D. MILES MARRIAN
JOSEPH M. MCDANIEL
HUGH M. SMALLWOOD
RIGNAL W. BALDWIN, JR.
JOHN D. SLAUGHTER
KENNARD B. PINDER

C. STUART COLLINS
LAWRENCE B. FENNEMAN
BERNARD C. HEARN
J. FRANK HEWITT
J. WISTAR HUEY, JR.
EDWARD A. KENT
J. DALLAS KIRWAN
FOSTER MORRELL
FREDERICK J. RICH
JAMES I. BONNER
FITZGERALD DUNNING
BENJAMIN P. THOMAS
DONALD S. MARTIN
FREDERICK H. STECK
PIERRE M. GHENT
LESTER B. KINNAMON
VERNE H. BOOTH
I. WILLIS RUSSELL
RICHARD C. TILGHMAN

ORDER OF EXERCISES

I

PROCESSIONAL

Grand March from "Tannhäuser"—*Wagner*

II

INVOCATION

REV. O. C. S. WALLACE, D. D.

Pastor of the Eutaw Place Baptist Church

III

MUSIC

The Lost Chord—*Sullivan*

(Trumpet solo by Chaplain J. Monroe Stick, U. S. A.)

IV

CONFERRING OF DEGREES

Bachelors of Arts, presented by Dean LATANÉ

Bachelors of Engineering, presented by Dean WHITEHEAD

Bachelors of Science in Chemistry, presented by Dean WHITEHEAD

Bachelors of Science, presented by Professor BUCHNER

Bachelors of Science in Hygiene, presented by Professor WELCH

Proficients in Public Health, presented by Professor WELCH

Masters of Arts, presented by Professor MILLER

Doctor of Engineering, presented by Dean WHITEHEAD

Doctors of Philosophy, presented by Professor MILLER

Doctors of Public Health, presented by Professor WELCH

Doctors of Science in Hygiene, presented by Professor WELCH

Doctors of Medicine, presented by Dean WILLIAMS

V

MUSIC

Liebesträume—*Liszt*

(Arranged for orchestra by Ross Jungnickel)

VI

PRESENTATION OF PORTRAIT OF

Professor LORRAIN S. HULBURT

Professor LOVEJOY

VII

ANNOUNCEMENTS

THE PRESIDENT OF THE UNIVERSITY

VIII

MUSIC

Wedding March from "Midsummer Night's Dream"—*Mendelssohn*

CANDIDATES FOR DEGREES

BACHELORS OF ARTS

MIGUEL B. AFABLE, of the Philippine Islands
AARON JOHN ASKIN, of Maryland
MARIANO BADILLO, of Mexico
JACOB HARRY BARKER, Jr., of California
AUGUST JOHN BAUERNSCHMIDT, Jr., of Maryland
CHANDLER BAKER BEALL, of South Carolina
VERNAL AUGUSTUS BELL, of Maryland
ABRAHAM JOEL BLECHMAN, of Maryland
BENSON BLOOM, of Maryland
HENRY PEIRCE BRAWNER, of Maryland
SAMUEL HARRY CAPLAN, of Maryland
BURTON MENAUGH CASTNER, of Washington
CHAO MING CHEN, of China
MORRIS COHEN, of Maryland
HENRY DOUGLAS COTTON, of Maine
ALBERT EDWARD DIMOND, of Maryland
ROY MELVIN DORCUS, of Maryland
JAMES WILSON DUFFY, of Maryland
ADOLPHUS DUNAN EMMART, of Maryland
MILTON FELDMAN, of New Jersey
HARRISON SALES FORGRAVE, of Missouri
WILLIAM RUSSELL FORTNEY, of Pennsylvania
ELI FRANK, Jr., of Maryland
ISADORE GERBER, of Maryland
STANLEY E. HARTMAN, of Maryland
BOSLEY HISS, of Maryland
EDWARD GREENE HUEY, of Maryland
WARREN EDWARD IRVIN, of Maryland
ERIC JACOBSEN, of Maryland
CHRISTOPHER JOHNSTON, of Maryland
MEYER STANLEY JOLSON, of Maryland
DANIEL WEBSTER JUSTICE, of Maryland
MORRIS KEEN, of New York
BENJAMIN HOWARD KLOTZ, of Maryland
ALBERT GEORGE LANGELOTTIG, Jr., of Maryland
HENRY JONES LANKFORD, of Maryland
BENJAMIN SZOLD LEVIN, of Maryland
MILTON MORDECAI LILLEN, of New Jersey
STORROW GORDON LOVELL, of Maryland

DONALD HECTOR MACDONALD, of Maryland
CHARLES CLAGETT MARBURY, of Maryland
JOHN USHER MARKELL, of Maryland
LAWRENCE DIXON MURPHY, of the District of Columbia
GEORGE ALBERT MYER, of Pennsylvania
MORRIS MYERS, of Maryland
JOHN O'KEEFE, of Maryland
ROBERT EDWARD OWINGS, of Maryland
PAUL S. PARSONS, of Maryland
EDGAR GILLMORE PLATT, of Maryland
WILLIAM ALBERT PRICE, Jr., of Maryland
EDWARD LEWIS PUTZEL, of Maryland
JACOB RAVIDOWITZ, of Palestine
HERBERT ELBERT REIFSCHNEIDER, of Maryland
BENJAMIN RONES, of Maryland
ERNEST CARL HENRY ROSCHEN, of Maryland
MAX HARRY ROSENFELD, of Maryland
BENJAMIN BRAFMAN ROSENSTOCK, of Maryland
PHILLIP ELIAS ROTHMAN, of Michigan
RICHARD IRWIN RUSH, of Virginia
DAVID SCHNEIDER, of Maryland
IVAN LEONARD SCHULZE, of Maryland
WILLIAM SCHUMAN, of Maryland
CHARLES ROLAND SHARRETT, Jr., of Maryland
GEORGE SEIDEL SHORTESS, of Maryland
EMIL SMITH, of Maryland
NICHOLAS McCUBBIN SMITH, of Maryland
JOSEPH P. SPARKS, of Illinois
AARON DAVID SPIELMAN, of Maryland
HARRY HORTON STECK, of Maryland
EDWARD BRADLEY STELLMAN, of Maryland
WILLIAM GRAINGER TOTTERDALE, of Maryland
MAX TRUBEK, of Maryland
SAMUEL KENDIG WALLACE, of Maryland
FREDERICK WARREN, Jr., of Maryland
ROBERT DORSEY WATKINS, of Maryland
JOSEPH BRENT WELLS, of Maryland
STANLEY WORDEN, of Maryland

(77)

HONOR LIST

EDWARD LOUIS PUTZEL
ROBERT DORSEY WATKINS
MORRIS MYERS

JOHN O'KEEFE
ADOLPHUS DUNAN EMMART
ALBERT GEORGE LANGELOTTIG, Jr.

BACHELORS OF ENGINEERING

MORRIS RANDALL BAKER, of Maryland
LEROY BERNARD BAUGHMAN, of Maryland
HAROLD CRANSTON BEALL, of Maryland
VICTOR LEOPOLD BENNING, of South Africa
SAMUEL BERNSTEIN, of Maryland
ALFRED HUNTINGTON BURNHAM, JR., of Maryland
WILLIAM BOND COLLINS, of Maryland
CHARLES WILLIAM FAIRBANK, of Maryland
AARON FREEMAN, of Maryland
JOSEPH MICHAEL GARVEY, of Maryland
LEROY Y. HAILE, of Maryland
ROBERT CHARLES HALL, of Maryland
WILLIAM CULLEN HENRY, of Maryland
CHARLES WILLIAM HESS, of Maryland
JESSE HALL KENT, of Maryland
ANDREW HENRY KNECHT, of Maryland
BERNARD KUDER, of Maryland
MEYER DAVID LEVIN, of Maryland
MORTON WILLIAM LIEBERMANN, of Maryland
HERBERT JOHN MAHLE, of Maryland
ROBERT FISHER MILLIGAN, of Maryland
ROBERT CLEMENTIAN MUTH, of Maryland

EDWARD CHOATE O'DELL, of Maryland
JAMES FRANCIS PORTER, of Maryland
WILLIAM ALEXANDER RANDALL, of Maryland
SOLOMON BURNETT ROSENFELD, of Maryland
DAVIDGE HARRISON ROWLAND, of Maryland
CHARLES JOSEPH RUDEL, of Maryland
ERNEST HIRES SALTER, of Maryland
DAVID EDWARD SCHUCHTS, of Maryland
MURRAY MARTIN SEYMOUR, of Maryland
JAMES SYLVAN SHANK, of Maryland
BERNARD RODDY SMITH, of Maryland
BASIL FORD SOLLERS, of Maryland
SAMUEL SPINTMAN, of Maryland
JOHN FRED STROTT, of Maryland
DAVID DUTROW THOMAS, JR., of Maryland
GEORGE DAVIDSON TURNER, of Maryland
WARREN VIESSMAN, of Maryland
ROBERT RICE WALDEN, of Maryland
WILLIAM STEWART WEIKEL, of Maryland
RALPH NORRIS WELLS, of Maryland
ALBERT BOERNER WILLIAMS, of Maryland
ISADORE MORRIS ZESKIND, of Maryland

(44)

HONOR LIST

Civil Engineering

MORTON WILLIAM LIEBERMANN

Electrical Engineering

ERNEST HIRES SALTER

WARREN VIESSMAN

Mechanical Engineering

ROBERT CLEMENTIAN MUTH

SAMUEL SPINTMAN

BACHELORS OF SCIENCE IN CHEMISTRY

CHARLES BYRN BRYANT, of the District of Columbia
MELVIN ROY CABE, of Maryland
FRANK JONES DOWNEY, JR., of Maryland
WARRICK RIGELEY EDWARDS, JR., of Maryland
ROBERT FONTZ, of Maryland
KARL GERBER, of Maryland
RICHARD WALDO HAMBLETON, of Maryland

WILTON COPE HARDEN, of Maryland
NORMAN EDWARD LEMMON, of Delaware
JAMES ANDERSON MCCOMAS, of Maryland
JOSEPH ABRAHAM NAVIASKY, of Maryland
A. HAMILTON SILESKY, of Maryland
JOSEPH CAMILLUS THOMPSON, JR., of Maryland
ROBERT J. R. WHITTINGTON, of Maryland

(14)

BACHELORS OF SCIENCE

H. LOUISE C. BUCHNER, of Maryland
ETHEL COOPER, of Maryland
AUGUSTA DELLONE, of Maryland
EDNA LEOLA DIXON, of Maryland
GEORGE GREGORY GRIM, of Maryland
MARY CUSHING HOWARD, of Maryland
MARGARET THERESA KRATZ, of Maryland

ZOE MARGARET MASON, of Maryland
KENNETH REDE, of Maryland
SARAH LUCY ROCHE, of Maryland
CARL EDWARD WILLIAM SCHNEHL, of Maryland
GEORGIA DAY SHERWOOD, of Maryland
AGNES SNYDER, of Maryland
HENRY THOMAS YOST, of Maryland

(14)

BACHELORS OF SCIENCE IN HYGIENE

MARGARET VON TORNEY FRANCE, of Maryland, A.B. Bryn Mawr College 1919
MARTIN FROBISHER, JR., of New Jersey

OLIVE CUSHING SMITH, of Maryland
JEAN CHIRON SNYDER, of Ohio, A.B. Wellesley College 1918 (4)

RECIPIENTS OF CERTIFICATES IN PUBLIC HEALTH

WILLIAM LOCKWOOD THORNTON GOODISON, of North Dakota, M.D. Jefferson Medical College 1909
JOSE GUERRERO, of Nicaragua, B.Sc. e Lett. National Institute of Occidente 1912, M.D. University of Michigan 1919
WILLIAM WARREN KNIPMEYER, of Indiana, A.B. University of Missouri 1917, M.D. Washington University 1919

THOMAS JOHN LE BLANC, of Michigan, A.B. University of Michigan 1917 and M.S.P.H. 1920
OTTO KAR SLANINA, of Moravia, M.D. University of Vienna 1909
CZESLAW WROCZYNSKI, of Poland, M.D. University of Saratow 1915 (6)

MASTERS OF ARTS

WITH TITLES OF ESSAYS

VIOLET TENNY BABCOCK, of New York City, A.B. Vassar College 1920. Political Economy
A Study of One Hundred Cases of Dependence Consequent upon Unemployment
FRANCES ELIZABETH BALDWIN, of Maryland, A.B. Goucher College 1920. History
Sumptuary Legislation and Personal Regulation in England under the Tudors
HELEN BARTON, of Maryland, A.B. Goucher College 1913. Mathematics
The Fundamental Theorem of Algebra
THOMAS MORRIS BERRY, of Maryland, B.S. in Chem. Johns Hopkins University 1920. Chemistry
The Friedel and Crafts Reaction
MILDRED ELIZABETH DAY, of Maryland, A.B. Goucher College 1921. Psychology
Age Differences in Mental Reactions as Related to Certain Physiological Characteristics
RYLAND NEWMAN DEMPSTER, of Maryland, B.S. in Eng. Johns Hopkins University 1918. Education
Coordination of Preparatory Training to Work in College as Based on Students' Records
HILDA NORTH DULAC, of Maryland, A.B. George Washington University 1920. Archaeology
Old Age and Late Maturity in Greek Art
IDELLA VIRGINIA DUVALL, of Maryland, A.B. Randolph-Macon Woman's College 1920. Political Economy
A Study of Mother's Pensions in the United States with Especial Reference to Maryland
JAMES BANCROFT EPES, of Maryland, B.S. University of Georgia 1907. Mathematics
Singular Integrals of Partial Differential Equations of the First Order
PHILIP FREDERICK GOTTLING, of Maryland, B.E. Johns Hopkins University 1919. Physics
The Structure of the Atomic Nucleus

FRIEDA KENYON, of New York, B.S. Barnard College 1918. Physics
Isotopes from the Physical Standpoint
RAPHAEL LEVY, of New York, A.B. Johns Hopkins University 1920. French
The Old French Translation of the Astrological Works of Abraham Ibn Ezra—A Study of its Vocabulary
MARY LOUISE MALL, of Maryland, A.B. Bryn Mawr College 1920. Physiological Chemistry
The Gravimetric Determination of Phosphorus in Organic Compounds
ELIZABETH MORRISSEY, of Wisconsin, A.B. Beloit College 1908. Political Economy
Graft in the Building Trades
LOUIS HASTINGS NAYLOR, of Maryland, A.B. Johns Hopkins University 1917. French
Virgile et Chateaubriand: Etude de l'influence virgilienne sur les premiers ouvrages de Chateaubriand
MARY BUCK ROWE, of Maryland, A.B. Randolph-Macon Woman's College 1918. French
Studies in *Huon de Bordeaux*
NINA SIMMONDS, of Wisconsin, B.S. University of Wisconsin 1915. Bio-Chemistry
The Biological Analysis of Vegetarian Diets
CHARLES HANNORD SKALET, of Minnesota, A.B. Luther College 1919. Archaeology
Chapters in the History of Ancient Sicyon
SAMUEL WALTER SPARKS, of Maryland, A.B. Washington College 1909. Education
First-Year Latin Vocabulary Scales and their Diagnostic Value
WALTER WHITE STEFFEY, of Virginia, A.B. Emory and Henry College 1913. Physics
The Experimental Verification of the Theory of Relativity
MADELINE PHILBRICK WEEKS, of New Hampshire, A.B. Smith College 1915. History
Early Colonial Interest in Shipping (21)

DOCTOR OF ENGINEERING

WITH TITLE OF DISSERTATION

LEONARD NOEL LINSLEY, of Maryland, M.S. Columbia University 1916. Mechanical Engineering
An Investigation of the Critical Bearing Pressures Causing Rupture in Lubricating Oil Films

DOCTORS OF PHILOSOPHY

WITH TITLES OF DISSERTATIONS

- EARLE HERBERT BARCLAY, of Virginia, Ch.E. University of Virginia 1916. Chemistry, Physical Chemistry, and Physics
A Study of the Permutite Metathesis with Silica Gel
- LESLIE CARRINGTON BEARD, JR., of Maryland, A.B. Johns Hopkins University 1919. Chemistry, Physical Chemistry, and Bacteriology
A Study of the Vapor Pressure of Aqueous Solutions of Cane Sugar at Twenty-five Degrees
- GRACE HADLEY BEARDSLEY, of Maryland, A.B. Vassar College 1917, A.M. Johns Hopkins University 1921. Archaeology, Latin, and Greek and Roman History
The Ethiopian in Greek and Roman Civilization
- FREDERICK SUMNER BRACKETT, of California, A.B. Pomona College 1918. Physics, Applied Mathematics, and Dynamic Geology
Visible and Infra-Red Radiation of Hydrogen
- WILLIAM GEORGE BROMBACHER, of Illinois, A.B. Lake Forest College 1915. Physics, Applied Mathematics, and Dynamic Geology
Detecting Efficiency of the Resistance-Capacity Coupled Amplifier to 6000 Meters
- ARTHUR BENNETT BROWN, of South Carolina, A.B. Charleston College 1918. Chemistry, Physical Chemistry, and Mathematics
The Catalytic Amination of Alcohols
- WALTER LYNN CHENEY, of District of Columbia, B.S. Guilford College 1913. Chemistry, Physical Chemistry, and Mathematics
Magnetic Properties of a Series of Pure Iron-Carbon Alloys as Affected by Heat Treatment and Carbon Content
- LEVI YORGEY DAVIDHEISER, of Pennsylvania, A.B. Ursinus College 1904. Chemistry, Physical Chemistry, and Mathematics
The Adsorption of Ammonia by Silica Gel
- ALICE JOUVEAU DUBREUIL, of Maryland, A.B. Cornell University 1906, A.M. Johns Hopkins University 1913. English, French, and Philosophy
A Contribution to the Study of the Progress of Democratic Ideas in the American Novel
- JAMES BRIAN EBY, of Maryland, A.B. Johns Hopkins University 1918. Geology, Paleontology, and Physical Chemistry
The Geology and Coal Resources of the Coal-Bearing Portions of Wise and Scott Counties, Virginia
- HARRY THOMAS FOLGER, of Maryland, A.B. Indiana University 1917. Zoology, Chemistry, and Botany
A Quantitative Study of the Response in *Amoeba* to Sudden Increase in Illumination
- CARROLL EIKER FRENCH, of Illinois, A.B. Monmouth College 1916. Political Economy, Political Science, and Psychology
The Shop Committee in the United States
- SAMUEL WOOD GEISER, of Iowa, A.B. Upper Iowa University 1914. Zoology, Plant Physiology, and Paleontology
Sex-Ratios and Spermatogenesis in the Top-minnow, *Gambusia Affinis*
- RALEIGH GILCHRIST, of Montana, A.B. University of Montana 1915. Chemistry, Physical Chemistry, and Physics
The Preparation of Pure Osmium and the Atomic Weight of Osmium
- LILY DEXTER GREENE, of Missouri, Ph.B. De Pauw University 1893, A.M. Boston University 1902. Sanskrit, Pali, and Philosophy
Indic Flora in Sanskrit Lyric Poetry and Drama
- FRANK VIVIAN GRIMM, of Missouri, B.S. Tarkio College 1918. Chemistry, Physical Chemistry, and Mathematics
The Dielectric Constant of Organic Liquids at the Boiling Point
- CLAYTON MORRIS HALL, of Maryland, A.B. Johns Hopkins University 1918. Latin, Archaeology, and Greek
Nicolaus of Damascus' Life of Augustus
- WILLIAM SAMUEL HOFFMAN, of Maryland, A.B. Johns Hopkins University 1918. Chemistry, Physical Chemistry, and Mathematics
Reactions of Anthraquinone Sulphonic Acids with Mercaptans
- ELMER RHODES HOKE, of Maryland, A.B. Franklin and Marshall College 1913, A.M. Johns Hopkins University 1920. Education, Psychology, and Philosophy
The Measurement of Achievement in Shorthand
- JAMES SCOTT LONG, of Maryland, Ch.E. Lehigh University 1915. Chemistry, Physical Chemistry, and Physics.
The Adsorption of Butane by Silica Gel
- ROBERT GRAFF MERRICK, of Maryland, A.B. Johns Hopkins University 1917. Political Economy, Political Science, and Psychology
The Commercial Credit Company

META HELENA MILLER, of Maryland, A.B. Goucher College 1917, A.M. Johns Hopkins University 1919. French, Spanish, and Italian

Chateaubriand and English Literature

TOMIO NAKANO, of Japan, A.B. Waseda University 1916. Political Science, History, and Political Economy

The Ordinance Power of the Japanese Emperor

WILLIAM RUGGLES NORRIS, of South Carolina, B.S. Davidson College 1914. Chemistry, Physical Chemistry, and Mathematics

The Vapor Pressure of Aqueous Solutions of Sodium Chloride at 20° C

LAWRENCE MELVILLE RIDDLE, of Maryland, A.B. Johns Hopkins University 1908 and A.M. 1911. French, Spanish, and English

The Genesis and Sources of Pierre Corneille's Tragedies from *Médée* to *Pertharite*

JOSEPH KENT ROBERTS, of Virginia, A.B. Emory and Henry College 1910, A.M. Johns Hopkins University 1915. Geology, Paleontology, and Biology

The Triassic of Northern Virginia

OVID ROGERS SELLERS, of Missouri, A.B. University of Chicago 1904. Old Testament, Egyptology, and History of the Ancient East

The Book of Joel

WILLIAM ROBERT WALDRON, of New Jersey. A.B. Cornell University 1917. Chemistry, Physical Chemistry, and Mathematics

The Influence of Sulphur on the Color of Azo Dyes

WARREN REED WEST, of the District of Columbia, A.B. George Washington University 1918. History, Political Science, and Political Economy

Contemporary French Opinion on the American Civil War

CAROL VAN BUREN WIGHT, of Massachusetts, A.B. Johns Hopkins University 1919 and A.M. 1921. Latin, Greek, and Greek and Roman History

Caius Asinius Pollio

(30)

DOCTORS OF PUBLIC HEALTH

WITH TITLES OF ESSAYS

ANTONIO LUIZ DE BARROS BARRETO, of Brazil, B.Sc. e Lett. Gymnasio of Pernambuco 1910, M.D. Faculdade de Medicina, Rio Janeiro 1917

The Action of X-ray on Basal Metabolism

FRANK EDWARD COUGHLIN, of Pennsylvania, S.B. Lafayette College 1920, M.D. University of Michigan 1921

The Schick Test in the Negro

ENRIQUE ENCISCO-RUIZ, of Colombia, B.Ph. e Lett. Colegio Mayor del Rosario 1911, M.D. Faculdade de Medicina, Bogota, 1919

Health Organization in Colombia

MORRILL LEONARD ILSLEY, of the District of Columbia, A.B. Colby College 1917, M.D. Johns Hopkins University 1921

A First Study of the Relations between Percentage of Illiteracy and Death Rate in American Cities

ROBERT HICKMAN RILEY, of Maryland, S.B. University of Oklahoma 1909 and M.D. 1913

The Significance of Renal Carriers in the Spread of Typhoid Fever, Reports of Epidemics and Suggestions for the Control of Carriers

CHARLOTTE CONDUCT VAN WINKLE, of New Jersey, A.B. Smith College 1914, M.D. Johns Hopkins University 1921

A Study of Infant Mortality in Baltimore

(6)

DOCTORS OF SCIENCE IN HYGIENE

WITH TITLES OF DISSERTATIONS

HOBART WILLIAM CROMWELL, of Indiana, A.B. Indiana State Normal School 1917

A Study of the Hemolytic Antibody-Antigen Combination

ETHEL MAY KINNEY, of Kansas, A.B. University of Kansas 1918 and A.M. 1920

A Study of the Physiological Effects of Strontium

EDITH EVELYN NICHOLLS, of Massachusetts, A.B. Smith College 1919

A Study of the Spontaneous Activity of the Guinea Pig

IDA WILLIAMS PRITCHETT, of Maryland, A.B. Bryn Mawr College 1914

Pathological Effects of Diphtheria Toxin in the Guinea Pig with Special Reference to a Lesion of Sowman's Capsule

(4)

DOCTORS OF MEDICINE

- WILLIAM WIESS BELFORD, of Texas, A.B. Southwestern University 1918
- ARTHUR HENDLEY BLAKEMORE, of Virginia, S.B. William and Mary College 1918
- ALFRED BLALOCK, of Georgia, A.B. University of Georgia 1918
- JOSEPH ROGERS BLALOCK, of North Carolina, A.B. and A.M. Wake Forest College 1918
- MARGARET LATHROP BRONSON, of Connecticut, A.B. Vassar College 1908
- CHARLES ELBERT BUELL, JR., of Michigan, A.B. University of Michigan 1918
- CHARLES RICHARD BUGG, of Virginia, A.B. Hampden-Sidney College 1916
- DOROTHY SAUNDERS BURDICK, of Maryland, A.B. Mount Holyoke College 1918
- JAMES FORD BUSBY, of Iowa, S.B. Grinnell College 1918
- WILLIAM ARMSTEAD CAMPBELL, JR., of Colorado, A.B. Colorado College 1918
- RALPH KABLE COLLINS, of Colorado, A.B. University of Kansas 1919
- GEORGE RICHARD COUSAR, of South Carolina, A.B. Presbyterian College of South Carolina 1917
- JAY CECIL CRAGER, of Texas, A.B. University of Texas 1918
- ROBERT GLENN CRAIG, of North Carolina, A.B. Washington and Lee University 1917
- JOSEPH CHARLES CUNEO, of New Jersey, S.B. Princeton University 1917
- MAX CUTLER, of Georgia, S.B. University of Georgia 1919
- DAVID DAVIS, of District of Columbia, A.B. George Washington University 1917
- ARCHIBALD SWEETLAND DEAN, of Maine, S.B. Bowdoin College 1918
- LUCILE DOOLEY, of Tennessee, A.B. Randolph-Macon Woman's College 1905, A.M. University of Tennessee 1915, Ph.D. Clark University 1916
- CLAUDE GARRISON DRACE, of Missouri, S.B. Vanderbilt University 1918
- ROBERT HARRIS DURHAM, of North Carolina, A.B. Trinity College 1918
- DANIEL EUGENE EAGLE, of North Carolina, A.B. University of North Carolina 1917
- STUART WILSON EGERTON, of Maryland, A.B. Johns Hopkins University 1918
- ROBERT ELMAN, of New York, S.B. Harvard University 1919
- HELEN WARDNER EVARTS, of Massachusetts, A.B. Vassar College 1917
- OTTO ORREN FISHER, of Florida, A.B. Miami University 1909
- RALPH LEE FISHER, of North Carolina, A.B. Trinity College 1918
- LEWIS BARR FLINN, of Delaware, A.B. Princeton University 1918
- BENJAMIN FRANKLIN FREEMAN, of Texas, A.B. Baylor University 1918
- FRANK WEBSTER GARBER, of Michigan, A.B. University of Wisconsin 1917
- CHARLES A. GARRETT, of Texas, A.B. Baylor University 1918
- MYRON EVERETT GOLDBLATT, of Maryland, A.B. Clark College 1915
- ANDREW MUNCY GROSECLOSE, of Virginia, A.B. Roanoke College 1918
- CHARLES ROBERT LEE HALLEY, JR., of Wyoming, A.B. University of Missouri 1918
- SAMUEL HALPERN, of New Jersey, A.B. Columbia University 1918
- PAUL MYRON HAMILTON, of Colorado, A.B. Colorado College 1918
- TINSLEY RANDOLPH HARRISON, of Alabama, A.B. University of Michigan 1919
- CLYDE ALEXANDER HEATLY, of New York, A.B. Union College 1918
- RHODA MURIEL IVIMEY, of New York, A.B. Barnard College 1911
- EDWIN BOSLEY JARRETT, of Maryland, A.B. Johns Hopkins University 1918
- LLOYD B. JOHNSTON, of South Dakota, S.B. Huron College 1915
- THOMAS BANFORD JONES, of New York, A.B. Hamilton College 1918
- CHESTER SCOTT KEEFER, of Pennsylvania, S.B. Bucknell University 1918
- FRANK BERGNER KINDELL, of Ohio, A.B. Oberlin College 1915
- JAMES EDWARD KING, of Texas, A.B. Southern Methodist University 1918
- ELIZABETH AMANDA KITTREDGE, of Massachusetts, A.B. Vassar College 1912, A.M. Columbia University 1913
- HARRY AARON KLEE, of Pennsylvania, A.B. Washington and Jefferson College 1918
- ORTHELLO RICHARDSON LANGWORTHY, of New York, A.B. Colgate University 1918
- RAYMOND EARL LENHARD, of Maryland, A.B. Johns Hopkins University 1918
- ISIDORE IRVIN LEVY, of Maryland, A.B. Johns Hopkins University 1918
- ROBERT KORN LIPPMANN, of New York, S.B. Columbia University 1918
- ROBERT COLNON LONERGAN, of Illinois, A.B. Syracuse University 1918
- CLETUS EDMUND MCGUIGAN, of Maryland, A.B. Johns Hopkins University 1918
- JACOB ISAAC MARGOLIS, of New York, Ph.B. Yale University 1918
- ISRAEL DAVID MICHELSON, of Maryland, A.B. Johns Hopkins University 1918
- DOROTHEA MAY MOORE, of Massachusetts, A.B. Bryn Mawr College 1915
- FRANK GUY MOORE, of New York, A.B. Hamilton College 1918
- BESSIE LOUISE MOSES, of Maryland, A.B. Goucher College 1915
- MORRIS JACOBI MOSKOWITZ, of New York, S.B. University of Rochester 1918

- BERNHARD NEWBURGER, Jr., of Kentucky, A.B. University of Missouri 1918
- JOSEPH EDWARD NOWREY, Jr., of New Jersey, A.B. University of Southern California 1917
- HENRY MILLER POWELL, of Virginia, A.B. Roanoke College 1917
- ROSA ELIZABETH PRIGOLEN, of New York, A.B. Adelphi College 1916
- CATHRYN VEDALIA RILEY, of District of Columbia, A.B. Wellesley College 1912, S.B. Cornell University 1916, A.M. Johns Hopkins University 1916
- J. EVERETT SANNER, of Maryland, A.B. Johns Hopkins University 1918
- WILLIAM JOHN SCOTT, of Virginia, A.B. Hampden-Sidney College 1915, A.M. University of Virginia 1917
- WILLIAM EYRE Sisson, of Rhode Island, A.B. Brown University 1918
- DAVID TILLERSON SMITH, of South Carolina, A.B. Furman University 1918
- MARGARET GLADYS SMITH, of Pennsylvania, A.B. Mount Holyoke College 1918
- THOMAS COOK SMITH, of Georgia, S.B. Emory University 1917
- KARL JOSEPH STEINMUELLER, of Maryland, A.B. Johns Hopkins University 1914
- HARRY WELLINGTON VANCE, of West Virginia, A.B. West Virginia Wesleyan College 1918
- CHARLES WILLIAM WAINWRIGHT, Jr., of Maryland, A.B. Western Maryland College 1914
- WILLIAM HORACE FRANKLIN WARTHEN, of Maryland, A.B. Johns Hopkins University 1919
- HARRY WASSERMAN, of Maryland, A.B. Johns Hopkins University 1918
- EDWIN DAVID WEINBERG, of Maryland, A.B. Dickinson College 1917
- BEULAH WELLS, of Ohio, A.B. Vassar College 1909
- JULIAN OTTO WILKE, of California, A.B. University of Southern California 1917
- FLORENCE JOSEPHINE WIMSATT, of District of Columbia, A.B. Trinity College (D. C.) 1916

MUSIC

The program is under the direction of Edwin L. Turnbull (A.B. '93) and will be rendered by the Johns Hopkins Orchestra of ninety musicians, Charles H. Bochau, Conductor, and Bart Wirtz, Assistant Conductor.

The orchestra was founded in 1919 by the Johns Hopkins Musical Association, with the object of promoting good music in the University and community. The officers are E. L. Turnbull, *President*; F. H. Gottlieb, *Vice-President*; Frank Morley, *Secretary*; J. B. Whitehead, *Treasurer*; F. C. Smith, *Executive Secretary*; Miss Anne Kinsolving, *Assistant Secretary*. Rehearsals are held on Tuesday evenings, in the Concert Hall of the Peabody Institute, and an unusual opportunity for instruction in orchestral playing, under experienced teachers, is offered to members of the University and to outside musicians, both men and women. The fifth season will open early in October.

